L Number	Hits	Search Text	DB	Time stamp
1	0	(swivel tilt) near5 (motor camera) and (gesture pointing speech multimodal) with input and target with acquisation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 13:48
2	4	(swivel tilt) near5 (motor camera) and (gesture pointing speech multimodal) with input and target with (acquisition redirect$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 13:51
3	8	(swivel tilt) near5 (motor camera) and (gesture pointing speech multimodal) and target with (acquisition redirect$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 13:58
4	19	(swivel tilt) near5 (motor camera) and target with acquisition and (redirect$4 moving aiming) with camera	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:03
5	0	((swivel tilt) near5 (motor camera) and target with acquisition and (redirect$4 moving aiming) with camera) and (multimodal gtesture)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:00
6	0	((swivel tilt) near5 (motor camera) and target with acquisition and (redirect$4 moving aiming) with camera) and (multimodal gtesture)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:01
7	0	((swivel tilt) near5 (motor camera) and target with acquisition and (redirect$4 moving aiming) with camera) and (multimodal gesture)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:03
8	7121	(multimodal gesture)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:03
9	1	((multimodal gesture)) and (swivel tilt) near5 (motor camera) and target with acquisition	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:04
10	92	((multimodal gesture)) and (swivel tilt) near5 (motor camera)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:04
11	0	(((multimodal gesture)) and (swivel tilt) near5 (motor camera)) and pointing with target	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:04
12	21	(((multimodal gesture)) and (swivel tilt) near5 (motor camera)) and pointing same (location object target)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:05

13	22	(((multimodal gesture)) and (swivel tilt) near5 (motor camera)) and (pointing gesturing) same (location object target)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:05
14	0	((((multimodal gesture)) and (swivel tilt) near5 (motor camera)) and (pointing gesturing) same (location object target)) and (orienting moving redirecting directing tilting) with camera with response	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:07
15	13	((((multimodal gesture)) and (swivel tilt) near5 (motor camera)) and (pointing gesturing) same (location object target)) and (orienting moving redirecting directing tilting) with camera and response	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:12
16	3763	345/862,863,727,716;382/103,255,286,293,311,312;348/169.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:13
17	2	345/862,863,727,716;382/103,255,286,293,311,312;348/169.ccls. and (redirecting orienting moving) with camera and swivel near4 camera	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 14:14

Web Results **11 - 19** of about **23** for **swivel camera pointing OR orienting OR moving OR redirecting target multimodal input**

[PDF] ATLANTIC
File Format: PDF/Adobe Acrobat
... It also included responding to two surveys in 2002 that provided **input** to the ... Modern technology enables communications both into and out of the **moving** vehicle. ...
www.crt.umontreal.ca/atlantic/pdf/2-2Final.pdf - Similar pages

[PDF] NEURONAL ACTIVITY IN THE NUCLEUS ACCUMBENS IS NECESSARY FOR ...
File Format: PDF/Adobe Acrobat - View as HTML
... to a dual chan- nel liquid **swivel** (Instech, Plymouth ... an Olympus Magnafire Digital CCD **camera** (Model S99806 ... both probe placements within the **target** regions (mPFC ...
www.psy.ohio-state.edu/bruno/ PDF%20files/incentive%20salience%2004.pdf - Similar pages

[PDF] topics 01/04
File Format: PDF/Adobe Acrobat - View as HTML
... Augmented Reality Employing Consistent Illumination A consistent **input**/simulation/ represen- tation pipeline on the one hand, and a geometrically reconstructed ...
www.inigraphics.net/press/ topics/2004/issue1/Topics1_2004.pdf - Similar pages

[DOC] "Should we try to persuade people to avoid using cars – How
File Format: Microsoft Word 2000 - View as HTML
... will also feed in as **input** into further work ... transmit images, and therefore the **camera** is rarely ... this shows that decision-makers could **target** user-requirements ...
www.cybercars.org/docs/D1Part1-UserNeed.doc - Similar pages

[PDF] CEN Published Standards.xls
File Format: PDF/Adobe Acrobat - View as HTML
... in Europe MSA CWA 14536:2002 Functional Specification of an Open **Multimodal** Tracking & ... air heaters for space heating not exceeding a net heat **input** of 300 kW ...
www.msa.org.mt/standards/ CEN%20PUBLISHED%20STANDARDS.pdf - Similar pages

[PDF] PATENTS
File Format: PDF/Adobe Acrobat - View as HTML
Page 1. Supplement to the AUSTRALIAN OFFICIAL JOURNAL OF PATENTS The Australian Official Journal of Patents (Supplement) is part ...
pericles.ipaustralia.gov.au/ols/epublish/ content/olsPDFDownload.jsp?pdfJournalId=104 - Similar pages

[PDF] Is it working?
File Format: PDF/Adobe Acrobat - View as HTML
... World Wide Web, the Community Research for AT project solicited **input** from 50 ... mental retardation or mental illness and has succeeded in **moving** many individuals ...
www.atnet.org/CR4AT/PositionPapers/ Is%20It%20Working-book.pdf - Similar pages

[PDF] The Patent and Designs Journal 5893
File Format: PDF/Adobe Acrobat - View as HTML
... working days. If, in exceptional circumstances, we cannot meet this **target**, we will explain why and give you a new deadline. If ...
www.patent.gov.uk/patent/notices/journals/2002/5893.pdf - Similar pages

[PDF] Speed Limits and Enforcement
File Format: PDF/Adobe Acrobat - View as HTML
... work will be extended, with additional resources being directed at **target** groups to ... in May 2000, with the theme "keeping Bracknell Business **Moving**", and has a ...
www.bracknell-forest.gov.uk/ pdf/planning/ltp2000/Chapter%207.pdf - Similar pages

In order to show you the most relevant results, we have omitted some entries very similar to the 19 already displayed.
If you like, you can repeat the search with the omitted results included.

Google

Result Page: **Previous** 1 2

swivel camera pointing OR orient Search

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CiteSeer Find: swivel camera pointing orienting m Documents Citations

Searching for **PHRASE swivel camera pointing orienting moving redirecting target.**
Restrict to: Header Title Order by: Expected citations Hubs Usage Date Try: Google (CiteSeer) Google (Web) CSB DBLP
No documents match Boolean query. Trying non-Boolean relevance query.
500 documents found. **Only retrieving 250 documents (System busy - maximum reduced). Order: relevance to query.**

Describing Motion for Recognition - Little, Boyd (1995) (Correct) (20 citations)
of images of a **moving** figure, taken by a static **camera**, and derive dense optical flow data for the
from the motion of the centroid of the **moving points** (assuming a static background)to the integral
Abstract Our goal is to describe motion of a **moving** human figure in order to recognize individuals by
vision.ucsd.edu/~jeffboyd/papers/scv95.ps.gz

Segment-Based Structure from an Imprecisely Located Moving.. - Mart'inez Zhang (1995) (Correct) (2 citations)
Structure from an Imprecisely Located **Moving Camera** J.M. Mart'inez Z. Zhang L. Montano
was proposed in [8]although they proposed to use **points** and lines, but not an specific treatment for line
stereo. The proposed method improves 3D segment **orient**ation computation and reduces the number of
www.cps.unizar.es/~josemari/iscv95.ps.gz

Topological Maps for Visual Navigation - Santos-Victor, Vassallo, Schneebeli (Correct)
visual-based indoors navigation based on a single **camera** that provides the required visual feedback
and velocity, detecting obstacles, going to a **point**, etc. Although vision can provide a rich
to the environment. Once the robot position and **orient**ation are known, a suitable trajectory is defined
ftp.ele.ufes.br/pub/publications/papers/Hans/99-icvs.ps.gz

A high Precision Laser Alignment Monitoring System for HERMES .. - Shibata Sakemi (Correct)
of a He-Ne laser, Fresnel zone plates, CCD **cameras**, and electronics to read out the image. It
length so that the laser beam is focussed at a xed **point** where the CCD **camera** is located. Five types of
a He-Ne laser light source, Fresnel zone plates, **moving** mechanisms for the Fresnel zone plates, CCD
dxhra1.desy.de/notes/pub/98-LIB/sakemi.98.007.ps.gz

Large Accurate Internal Camera Calibration using Rotation with.. - Stein (Correct)
Large Accurate Internal **Camera** Calibration using Rotation with Analysis of
ftp.ai.mit.edu/pub/users/gideon/papers/iccv95-error-analysis.ps.Z

A Modular Low-Cost Active Vision Head - Fellenz, Hartmann (Correct)
a separate pan-tilt unit and two integrated CCD-**cameras** mounted on a vergence platform allows the
agents which can be used at the next higher level. **Pointer**s show the flow of information between modules at
and feedback Sensoric input kinematic **oriented** repr. RS-232 protocol position, pan, tilt
www.mth.kcl.ac.uk/~fellenz/WWW/stereo_big.ps.gz

Planning Referential Acts for Animated Presentation Agents - André, Rist (Correct)
attention to graphical object representations by **pointing** with body parts, and additional devices such as
of the **pointing** gesture, the system considers the **orient**ation of the vector from the Persona to the **target**
alternatives via linguistic means (cf. 7]When **moving** from language discourse to a multimedia
ftp.dfki.uni-sb.de/pub/mm-references/andre.ps.gz

Active Motion Detection and Object Tracking - Denzler, Paulus (1994) (Correct) (1 citation)
parameters and by a positional change of the **camera** mounted on a robot's hand. With a combination of
near the snake -the snake will collapse to one **point**, and therefore it is sufficient to do a coarse
between control and vision modules. Object-**oriented** programming hides hardware details. 1.
www5.informatik.uni-erlangen.de/TeX/Literatur/ps-dir/1994/Denzler94:AMD.ps.gz

Multiple Vehicle Detection and Tracking in Hard Real Time - Betke, Haritaoglu, Davis (1996) (Correct) (11 citations)
and tracking objects in images taken by a **moving camera** (or a fixed **camera** carried by a **moving** car) is
the potential object marked by the four corner **points** in the image. If the correlation yields a high
from sequences of gray-scale images taken from a **moving** car in hard real time. Recognition is
www.cs.bc.edu/~betke/research-group/UMD-tech-report-834.ps.gz

Fixation simplifies 3D motion estimation - Daniilidis (1997) (Correct) (1 citation)
efference copy of the fixational rotation of the **camera**. Performance of the algorithm is tested on real
the gaze direction towards the same environmental **point** through time. It was proven in the past that

P. Bouthemy, and F. Chaumette. Active **camera** self-**orient**ation using dynamic image parameters. In Proc.
www.cis.upenn.edu/~kostas/./fixation.ps.gz

Optimal Manipulation Strategies For Orienting Planar.. - Chen, Hung, Ierardi (1994) (Correct)
of the part remains: the actual location of the **point** of contact of the part along the face of the
usc.edu/pub/csinfo/tech-reports/papers/94-597.ps.Z

Techniques for Fisheye Lens Calibration using a Minimal - Number Of Measurements (Correct)
the fisheye lens and CCD **camera** were mounted on a **swivel**, which could report the angle of its **swivel**. The
is able to see half of the world. It can give a **camera** a complete view of 180 along the horizon and 180
of 180 along the horizon and 180 vertically when **pointe**d forward. However, this supreme view of the world
www.mundhenk.com/research/fisheye_man.pdf

Jack Software Feature Improvements Quarterly Report - Norman Badler Pei-Hwa (Correct)
and shoulder position the elbow is still free to **swivel** about an axis from the shoulder to the wrist.
joint at the elbow. Since a goal position and **orient**ation for the hand specifies six constraints, the
[2] X. Zhao, D. Tolani, B. Ting. Simulating Human **Move**ments Using Optimal Control, Proceedings of the
ftp.cis.upenn.edu/pub/graphics/ho/HEL.ps.Z

The View-Graph Approach to Visual Navigation and.. - Mallot, Franz.. (1997) (Correct) (5 citations)
We use a 360 ffi imaging device consisting of a **camera pointing** upwards and a conic mirror mounted on
the current "home-vector" coordinates of starting **point**) is represented, not the entire path. ffl
error accumulation is a problem, the use of global **orient**ation information (compasses"e.g.distant
www.cog.brown.edu/mpik-mirror/people/personal/bs/./papers/icann97.ps.gz

Mosaicing with Generalized Strips - Rousso, Peleg, Finci (1997) (Correct) (2 citations)
the objects in the scene are distant from the **camera**, and **camera** motion could be modeled as a
which is **moving** to the left. The Optical Flow **points** to the right, and vertical strips are collected.
mosaic. In the simple case of a **camera** which is **moving** horizontally, vertical sections are usually taken
www.cs.huji.ac.il/papers/IP/IUW97/general-mosaics.ps.gz

A Bayesian Computer Vision System for Modeling Human.. - Oliver, Rosario, Pentland (1999) (Correct) (38 citations)
2 System Overview Our system employs a static **camera** with wide field-of-view watching a dynamic
into `atomic' behaviors such as, for example, a **pointing** gesture or a car turning left. However, there
are satisfied. For each agent the position, **orient**ation and velocity is measured, and from this data
drew.www.media.mit.edu/~nuria/authoring/../humanBehavior/icvs99.ps.gz

A Feedback Mechanism for Query by Navigation - Berger, van der Weide (1995) (Correct) (1 citation)
In terms of the previous example, at some **point** in time a possible interest in Paris may be
with its structuring, comprises the Hyperindex. **Moving** from the Hyperbase to the Hyperindex is called
is, say, Rome. We shall call this probability the **target** probability. Consider the situation where the
ftp.cs.kun.nl/pub/SoftwEng.InfSyst/articles/FeedbackQBN.ps.Z

An Intelligent Observer - Becker Gonz'alez-Ba (1995) (Correct) (6 citations)
by a human operator. The robot carries one or more **cameras** which allow it to track objects while at the
is to remain in view of a **moving target** at each **point** in time. Since the **target** motion is not known in
up each edge. The slopes of these lines yield the **orient**ation of the landmark their intersection **points**
robotics.stanford.edu/~hhg/doc/iser95/iser95.ps.gz

Geometry and Algebra of Multiple Projective Transformations - Heyden (1995) (Correct) (10 citations)
case where the images are taken by uncalibrated **cameras**, making it possible to reconstruct the object up
The minimal cases of two images of seven **points** and three images of six **points** are solved, giving
eines Objektes Zwei Perspektiven mit innerer **Orient**ierung, Sitz-Ber. Akad. Wiss.Wien, math.
www.maths.lth.se/matematiklth/personal/andersp/publ/dissabs.ps

Dynamic Registration Correction in Video-Based Augmented.. - Bajura, Neumann (1995) (Correct) (17 citations)
see-through AR system uses head-mounted video **cameras** to view the real world and inserts the virtual
Registration can be made exact for one or more **points** in every combined image if a small video delay
usc.edu/pub/graphics/papers/cga.ps

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